Amazing Demonstration!

November 19, 2021

This document contains information that demonstrates the effective movement of information between software applications that support the XBRL technical format. An XBRL-based report model and report is created and loaded into 10 different software applications from 8 different software vendors/creators.

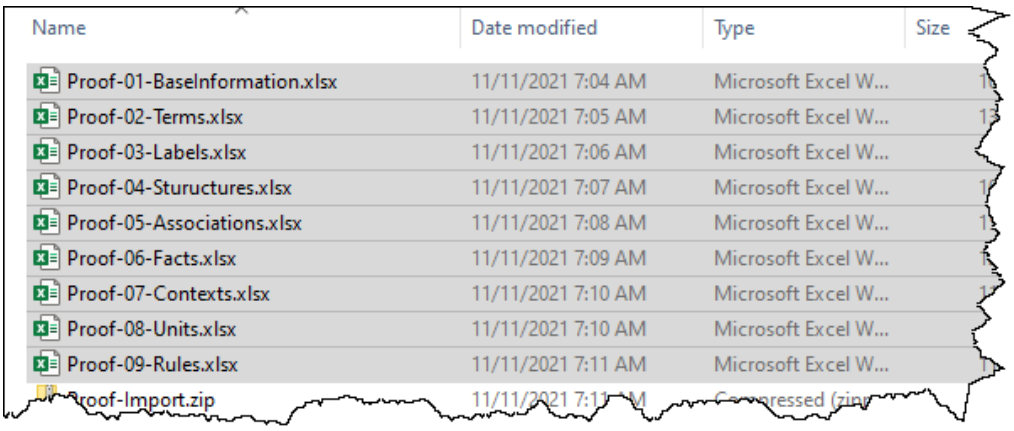
Demonstration of XBRL-based report model and report created using Seattle Method using PROOF Reporting Scheme[1] properly loads into multiple software applications. Shows both the power of the XBRL global standard and gaps in functionally that will ultimately be closed by software vendors. The PROOF prototype reporting scheme[2] shows the comprehensive set of logic that the Seattle Method supports and proves that the logic represented makes sense.

Information generated and put into Excel spreadsheets:

Semantics and syntax-oriented import using separate Excel files:

Syntax-oriented import using Excel files:

http://accounting.auditchain.finance/library/Proof-Import-SyntaxOriented.zip



Name	Date modified	Type	Size
Proof-01-BaseInformation.xlsx	11/11/2021 7:04 AM	Microsoft Excel W...	1
Proof-02-Terms.xlsx	11/11/2021 7:05 AM	Microsoft Excel W...	1
Proof-03-Labels.xlsx	11/11/2021 7:06 AM	Microsoft Excel W...	
Proof-04-Stuructures.xlsx	11/11/2021 7:07 AM	Microsoft Excel W...	1
Proof-05-Associations.xlsx	11/11/2021 7:08 AM	Microsoft Excel W...	1
Proof-06-Facts.xlsx	11/11/2021 7:09 AM	Microsoft Excel W...	1
Proof-07-Contexts.xlsx	11/11/2021 7:10 AM	Microsoft Excel W...	1
Proof-08-Units.xlsx	11/11/2021 7:10 AM	Microsoft Excel W...	
Proof-09-Rules.xlsx	11/11/2021 7:11 AM	Microsoft Excel W...	1
Proof-Import.zip	11/11/2021 7:11 AM	Compressed (zipp...	

File formats supported are Excel, CSV, in separate files, combined into one Excel workbook, within a ZIP archive or not. http://accounting.auditchain.finance/library/Import-Excel-Pacioli-Proof.zip

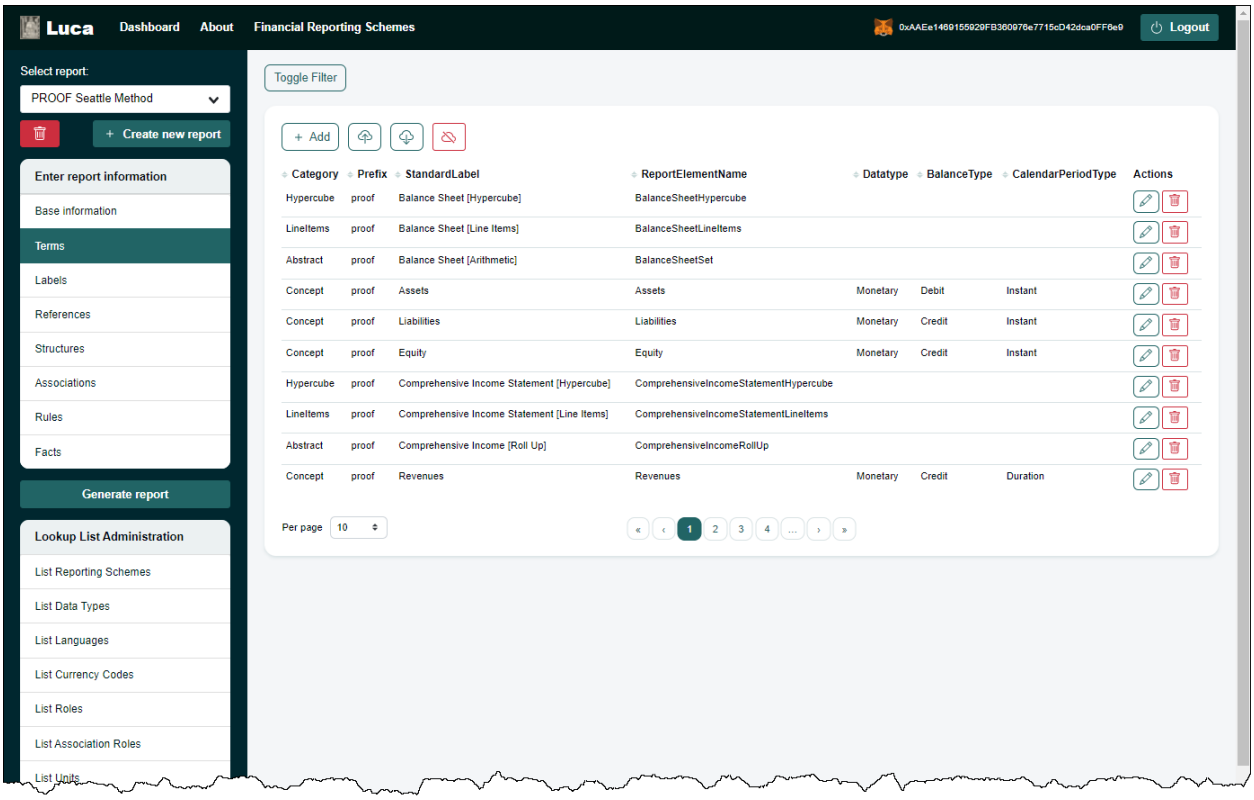
Semantics/logic-oriented import using Excel files:

[1] PROOF Reporting Scheme, http://www.xbrlsite.com/seattlemethod/proof/documentation/Index.html
[2] PROOF Financial Reporting Scheme, http://www.xbrlsite.com/seattlemethod/proof/documentation/Index.html

http://www.xbrlsite.com/seattlemethod/proof/reference-implementation/Import/proof-import-sm.zip

Alternatively, could us Luca to manually input information:

http://luca.yaxbrl.com/ (this application is free to use)

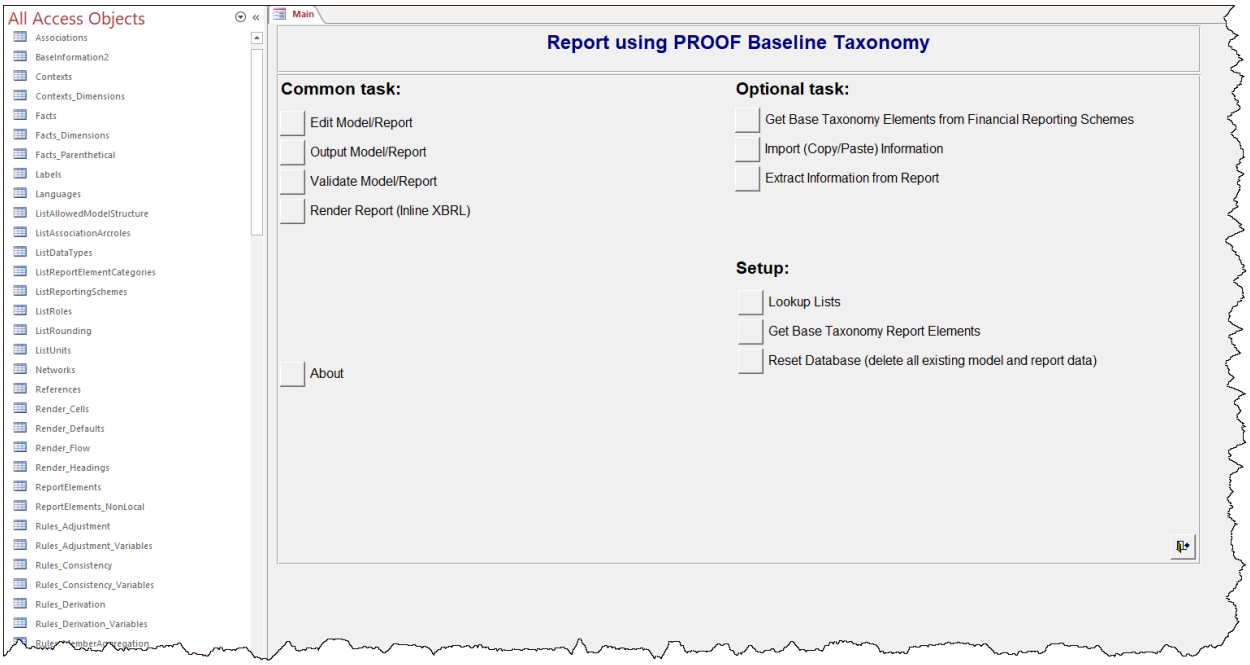


Alternatively, could us Luca API to feed information into Luca:

http://luca.yaxbrl.com/

Alternatively, this Microsoft Access Database application can be used to generate the XBRL:

http://www.xbrlsite.com/seattlemethod/proof/reference-implementation/report-database.zip



Uploaded to Excel/CSV files to Auditchain's Pacioli: (XBRL files generated)

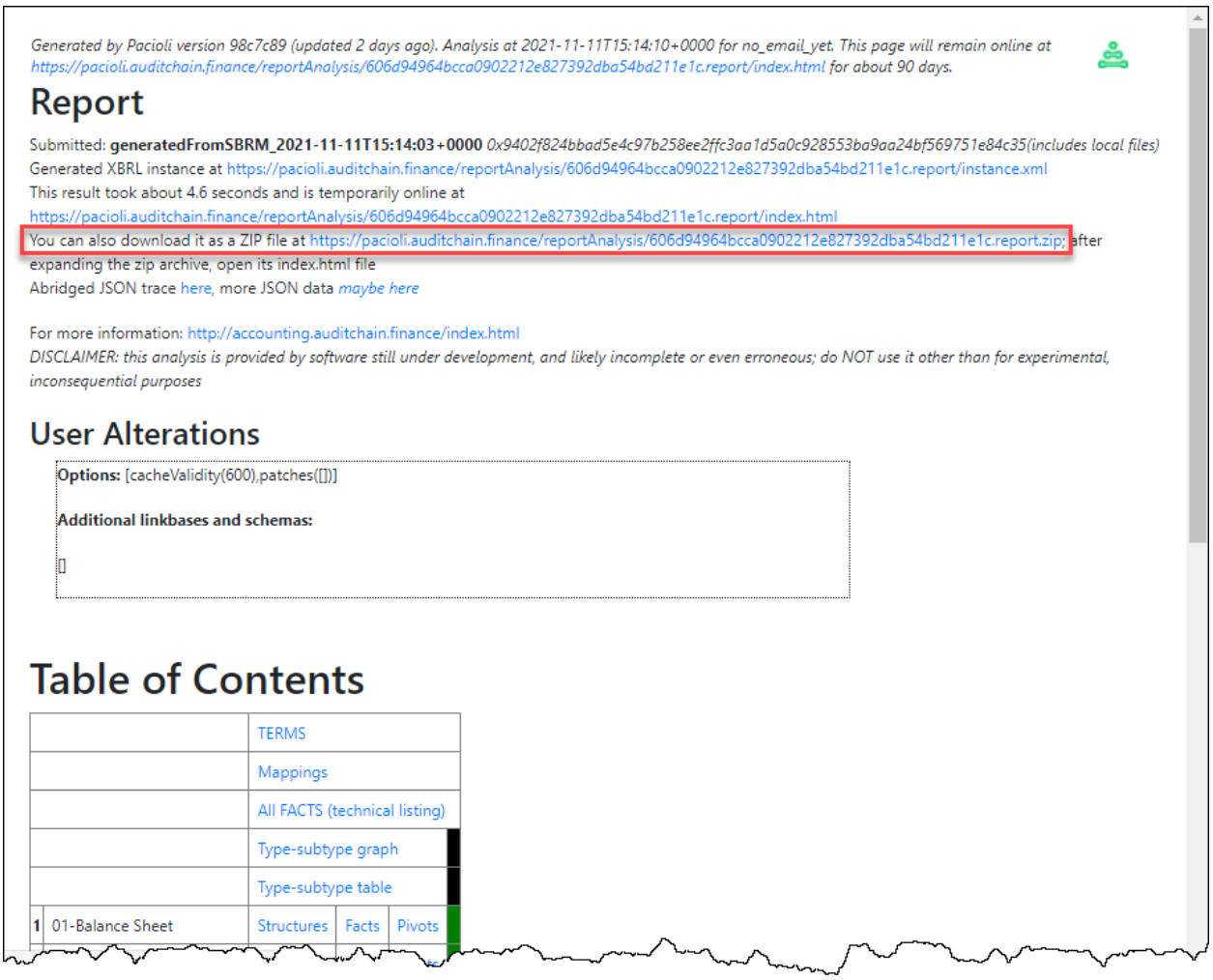
https://pacioli.auditchain.finance/reportImporter (syntactic format, free to use)

https://pacioli.auditchain.finance/reportImporter2 (semantic/logical format, free to use)

Verification report generated by Pacioli:

https://pacioli.auditchain.finance/tools/PowerUserTool.swinb (free to use, some limitations)

https://pacioli.auditchain.finance/reportAnalysis/b2fa0e9f9b4b97732a37eb97660f40a62d2f679f.report/index.html (sample result)



Generated by Pacioli version 98c7c89 (updated 2 days ago). Analysis at 2021-11-11T15:14:10+0000 for no_email_yet. This page will remain online at https://pacioli.auditchain.finance/reportAnalysis/606d94964bcca0902212e827392dba54bd211e1c.report/index.html for about 90 days.

Report

Submitted: **generatedFromSBRM_2021-11-11T15:14:03+0000** *0x9402f824bbad5e4c97b258ee2ffc3aa1d5a0c928553ba9aa24bf569751e84c35(includes local files)*
Generated XBRL instance at https://pacioli.auditchain.finance/reportAnalysis/606d94964bcca0902212e827392dba54bd211e1c.report/instance.xml
This result took about 4.6 seconds and is temporarily online at
https://pacioli.auditchain.finance/reportAnalysis/606d94964bcca0902212e827392dba54bd211e1c.report/index.html
You can also download it as a ZIP file at https://pacioli.auditchain.finance/reportAnalysis/606d94964bcca0902212e827392dba54bd211e1c.report.zip; after expanding the zip archive, open its index.html file
Abridged JSON trace here, more JSON data *maybe here*

For more information: http://accounting.auditchain.finance/index.html
DISCLAIMER: this analysis is provided by software still under development, and likely incomplete or even erroneous; do NOT use it other than for experimental, inconsequential purposes

User Alterations

Options: [cacheValidity(600),patches([])]

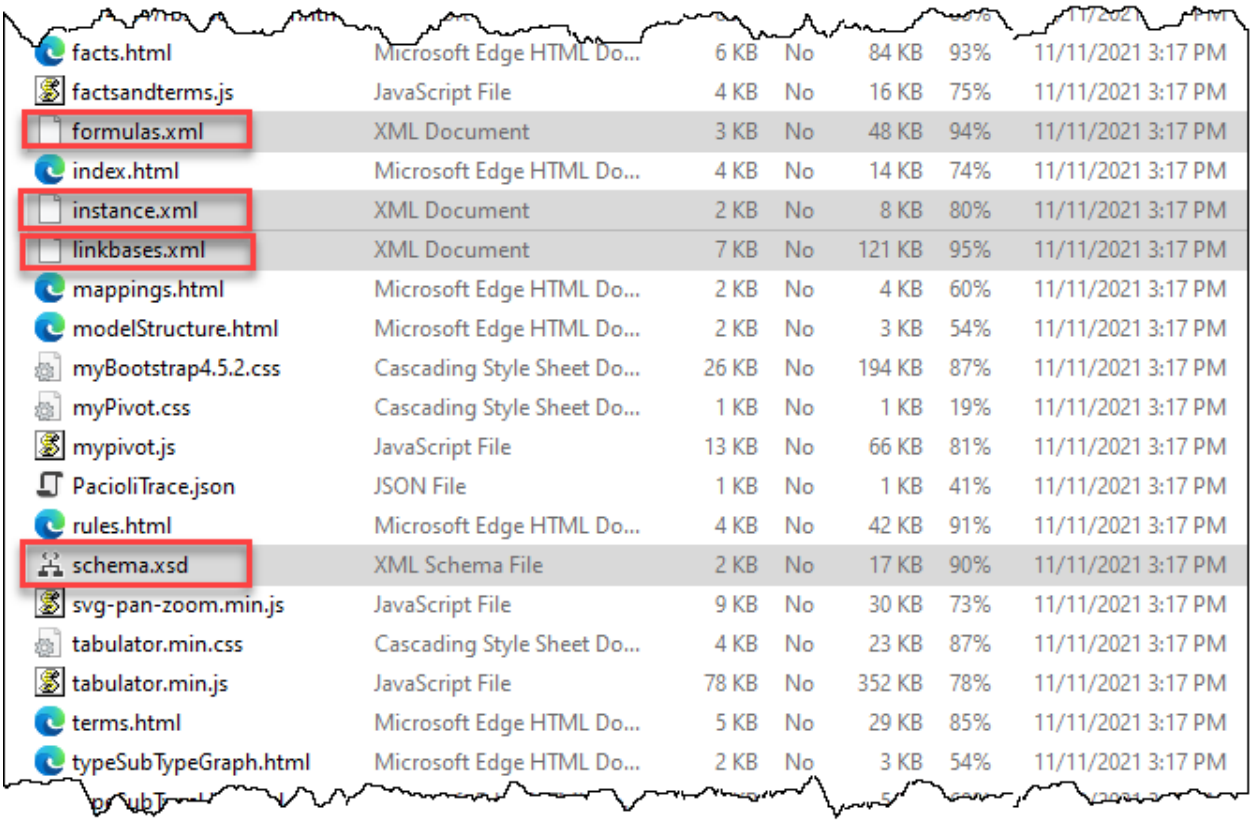
Additional linkbases and schemas:

[]

Table of Contents

	TERMS			
	Mappings			
	All FACTS (technical listing)			
	Type-subtype graph			
	Type-subtype table			
1	01-Balance Sheet	Structures	Facts	Pivots

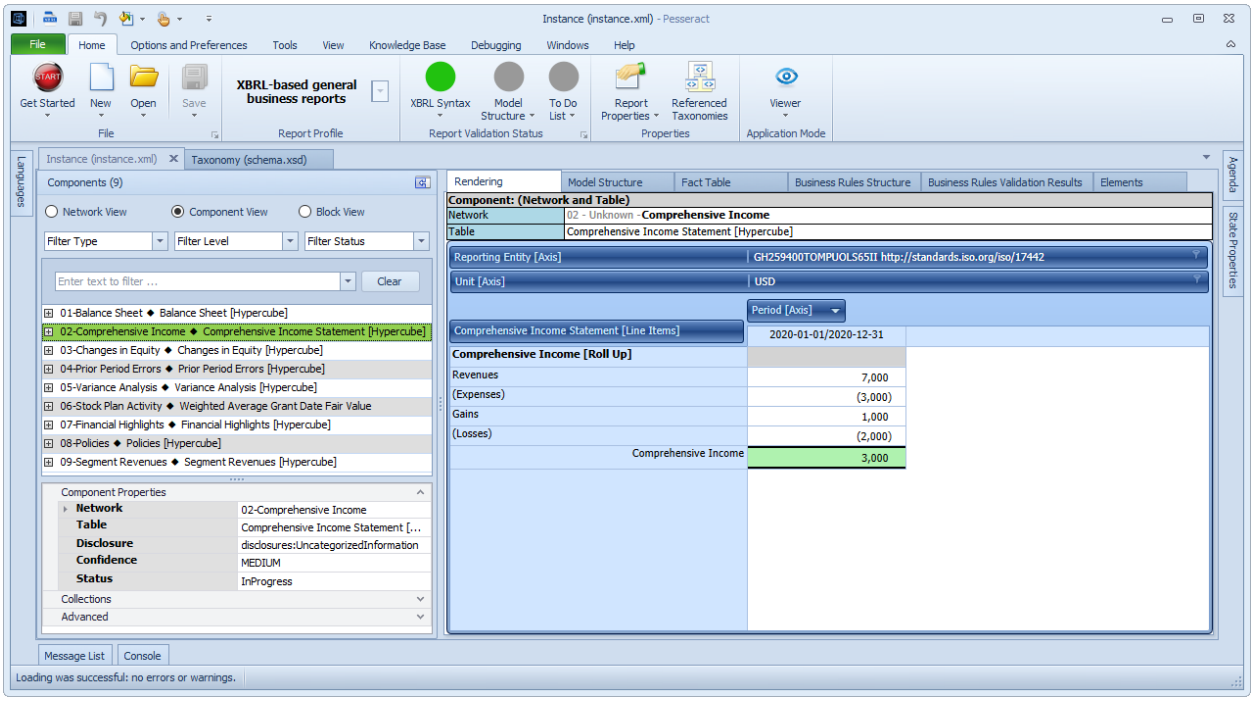
Download the ZIP archive generated by Pacioli: (could use API to transfer files)



facts.html	Microsoft Edge HTML Do...	6 KB	No	84 KB	93%	11/11/2021 3:17 PM
factsandterms.js	JavaScript File	4 KB	No	16 KB	75%	11/11/2021 3:17 PM
formulas.xml	XML Document	3 KB	No	48 KB	94%	11/11/2021 3:17 PM
index.html	Microsoft Edge HTML Do...	4 KB	No	14 KB	74%	11/11/2021 3:17 PM
instance.xml	XML Document	2 KB	No	8 KB	80%	11/11/2021 3:17 PM
linkbases.xml	XML Document	7 KB	No	121 KB	95%	11/11/2021 3:17 PM
mappings.html	Microsoft Edge HTML Do...	2 KB	No	4 KB	60%	11/11/2021 3:17 PM
modelStructure.html	Microsoft Edge HTML Do...	2 KB	No	3 KB	54%	11/11/2021 3:17 PM
myBootstrap4.5.2.css	Cascading Style Sheet Do...	26 KB	No	194 KB	87%	11/11/2021 3:17 PM
myPivot.css	Cascading Style Sheet Do...	1 KB	No	1 KB	19%	11/11/2021 3:17 PM
mypivot.js	JavaScript File	13 KB	No	66 KB	81%	11/11/2021 3:17 PM
PacioliTrace.json	JSON File	1 KB	No	1 KB	41%	11/11/2021 3:17 PM
rules.html	Microsoft Edge HTML Do...	4 KB	No	42 KB	91%	11/11/2021 3:17 PM
schema.xsd	XML Schema File	2 KB	No	17 KB	90%	11/11/2021 3:17 PM
svg-pan-zoom.min.js	JavaScript File	9 KB	No	30 KB	73%	11/11/2021 3:17 PM
tabulator.min.css	Cascading Style Sheet Do...	4 KB	No	23 KB	87%	11/11/2021 3:17 PM
tabulator.min.js	JavaScript File	78 KB	No	352 KB	78%	11/11/2021 3:17 PM
terms.html	Microsoft Edge HTML Do...	5 KB	No	29 KB	85%	11/11/2021 3:17 PM
typeSubTypeGraph.html	Microsoft Edge HTML Do...	2 KB	No	3 KB	54%	11/11/2021 3:17 PM

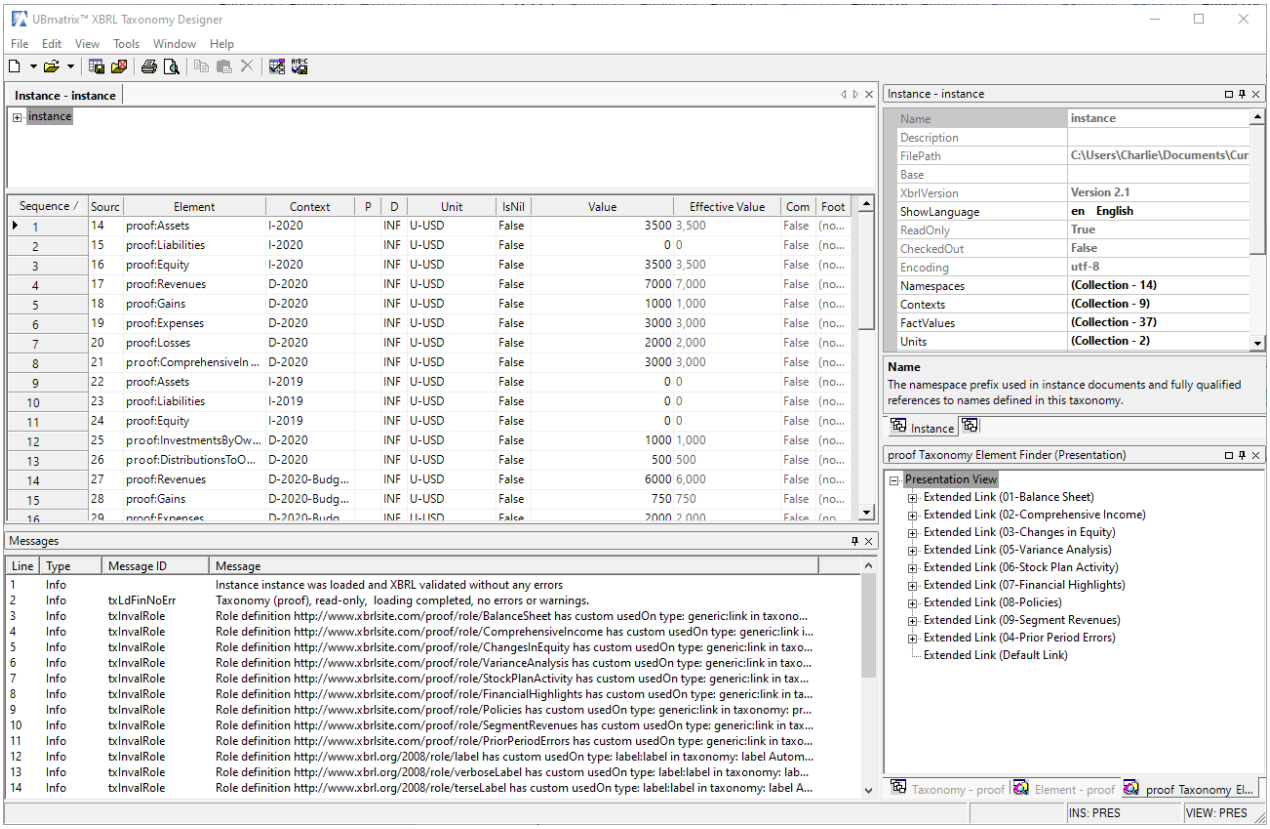
Opened the XBRL-based report and report model in Pesseract:

http://pesseract.azurewebsites.net/ (free to download and use)



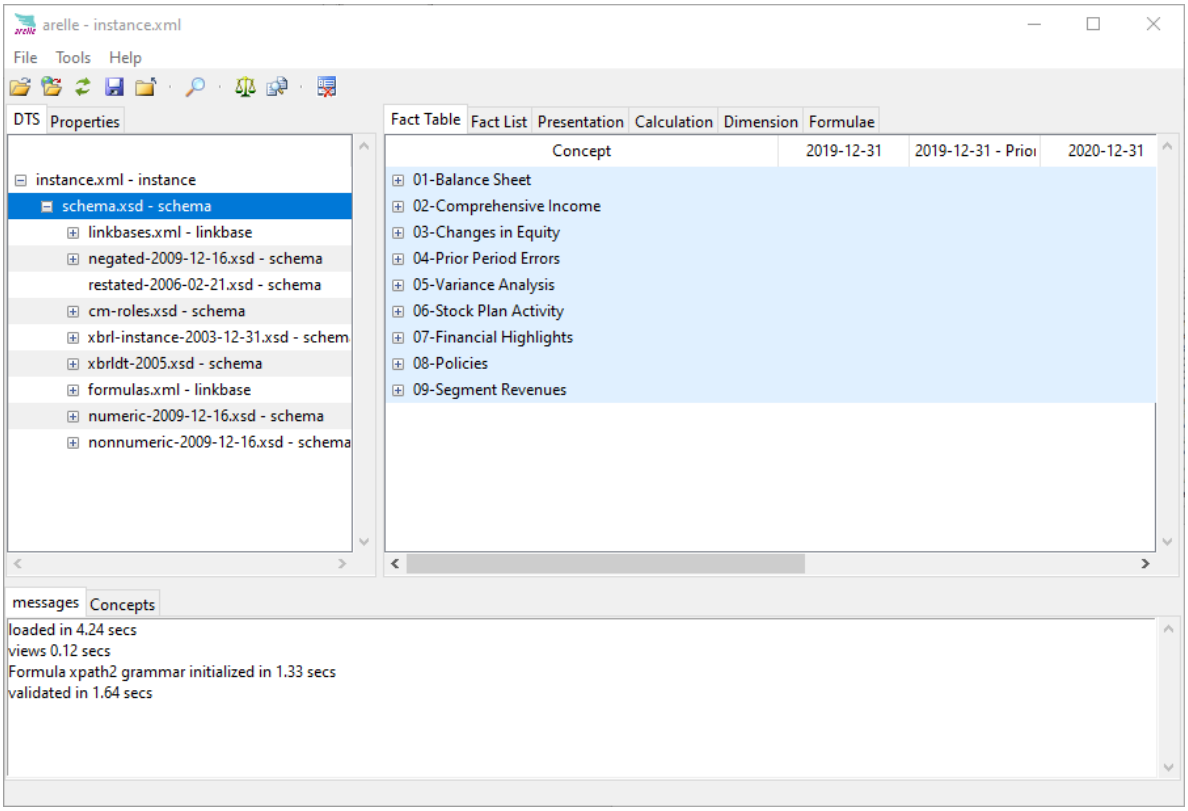
Open files in UBmatrix Taxonomy Designer: (too technical for business professionals)

Contact UBmatrix to obtain this tool. https://www.ubpartner.com/



Open files in Arelle: (free, open source, too hard for business professionals to use)

https://arelle.org/arelle/pub/ (This application is free to download)



Validate using UBmatrix XPE 4.0:

https://sourceforge.net/projects/ubmatrix-xbrl/files/UBmatrix%20Processing%20Engine%202.5/2.500/ (this is an older version that is free to download and use)

Business Rules Results

Thu Nov 11 07:36:32 PST 2021

XBRL Processor Version:4.0.0.2125

Report name: Detailed Output

Summary

Formulas Compiled	Formula Fired	Assertions Compiled	Assertions Fired	Assertions Satisfied	Assertions Not Satisfied
0	0	10	13	13	0

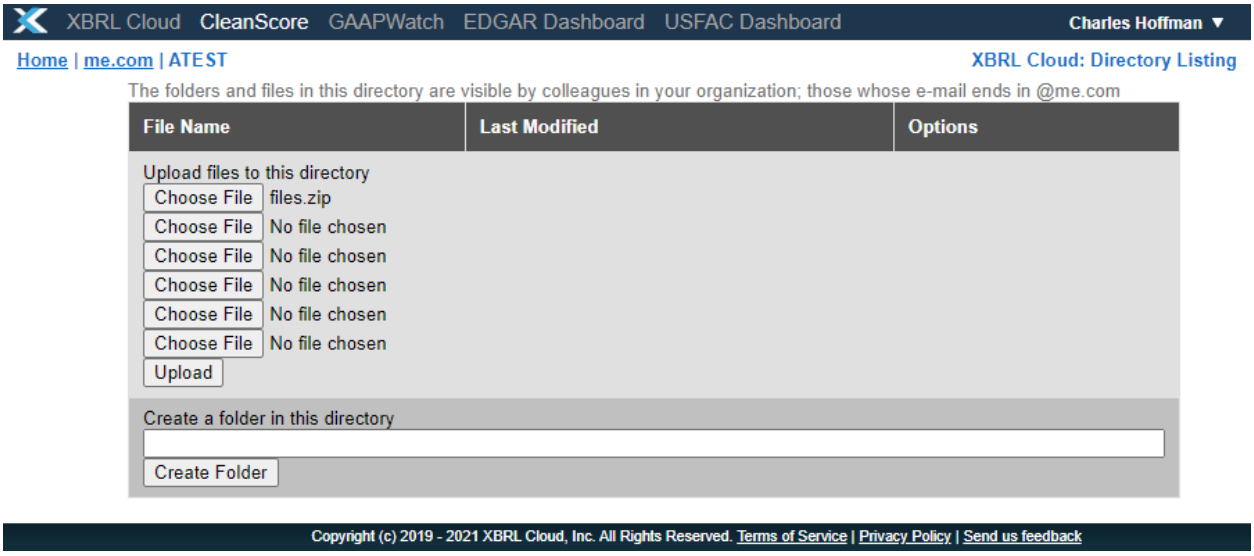
Value Assertions

id	satisfied	message
BS01 (evaluation 1)	satisfied	$Assets=3500 = $Liabilities=0 + $Equity=3500
BS01 (evaluation 2)	satisfied	$Assets=0 = $Liabilities=0 + $Equity=0
IS01 (evaluation 1)	satisfied	$ComprehensiveIncome=3000 = $Revenues=7000 - $Expenses=3000 + $Gains=1000 - $Losses=2000
IS01 (evaluation 2)	satisfied	$ComprehensiveIncome=3750 = $Revenues=6000 - $Expenses=2000 + $Gains=750 - $Losses=1000
IS01 (evaluation 3)	satisfied	$ComprehensiveIncome=-750 = $Revenues=1000 - $Expenses=1000 + $Gains=250 - $Losses=1000
SHE01 (evaluation 1)	satisfied	$Equity_BalanceStart=0 + $ComprehensiveIncome=3000 + $InvestmentsByOwners=1000 - $DistributionsToOwners=500 = $Equity_BalanceEnd=3500
ADJ01 (evaluation 1)	satisfied	$Restated=0 = $OrigionallyStated=2000 + $CorrectionOfAnError=-500 + $ChangesInAccountingPolicy=-1500
VAR01_Revenues (evaluation 1)	satisfied	$Actual=7000 = $Budget=6000 + $Variance=1000
VAR02_Expenses (evaluation 1)	satisfied	$Actual=3000 = $Budget=2000 + $Variance=1000
VAR03_Gains (evaluation 1)	satisfied	$Actual=1000 = $Budget=750 + $Variance=250
VAR04_Losses (evaluation 1)	satisfied	$Actual=2000 = $Budget=1000 + $Variance=1000
VAR05_ComprehensiveIncome (evaluation 1)	satisfied	$Actual=3000 = $Budget=3750 + $Variance=-750
MA1 (evaluation 1)	satisfied	$Total=7000 eq sum($Each=[2000 1000 4000])

Line	Concept	Weight	Balance	Decimals	Precision	Reported	Calculated	Source	Message
1	Extended Link [http://www.xbrlsite.com/proof/role/ComprehensiveIncome]								
2	Context D-2020 [2020-01-01 - 2020-12-31]								
c-equal									
3	Unit U-USD								
u-equal									
	Comprehensive Income		credit	INF	INF	3000	3,000	Instance	OK
	Revenues	1.0	credit	INF		7000	7,000	Instance	
	Expenses	-1.0	debit	INF		3000	3,000	Instance	
	Gains	1.0	credit	INF		1000	1,000	Instance	
	Losses	-1.0	debit	INF		2000	2,000	Instance	
2	Context D-2020-Budgeted [2020-01-01 - 2020-12-31]								
c-equal									
3	Unit U-USD								
u-equal									
	Comprehensive Income		credit	INF	INF	3750	3,750	Instance	OK
	Revenues	1.0	credit	INF		6000	6,000	Instance	
	Expenses	-1.0	debit	INF		2000	2,000	Instance	
	Gains	1.0	credit	INF		750	750	Instance	
	Losses	-1.0	debit	INF		1000	1,000	Instance	
2	Context D-2020-Variance [2020-01-01 - 2020-12-31]								
c-equal									
3	Unit U-USD								
u-equal									
	Comprehensive Income		credit	INF	INF	-750	-750	Instance	OK
	Revenues	1.0	credit	INF		1000	1,000	Instance	
	Expenses	-1.0	debit	INF		1000	1,000	Instance	
	Gains	1.0	credit	INF		250	250	Instance	

Uploaded XBRL-based report and report model files to XBRL Cloud:

https://www.xbrlcloud.com/index.html (commercial software, available for a fee)



Verified using XBRL Cloud:

;user;share;me.com;ATEST;instance.xml
2021-11-11T03:28:01.214+0000

XBRL Cloud Validation Report

Validation Summary

Severity	Signal	Count
ERROR		0
WARNING		0
REVIEW		0
INCONSISTENCY		0
BEST_PRACTICE		0
INFORMATION		0
Total		0

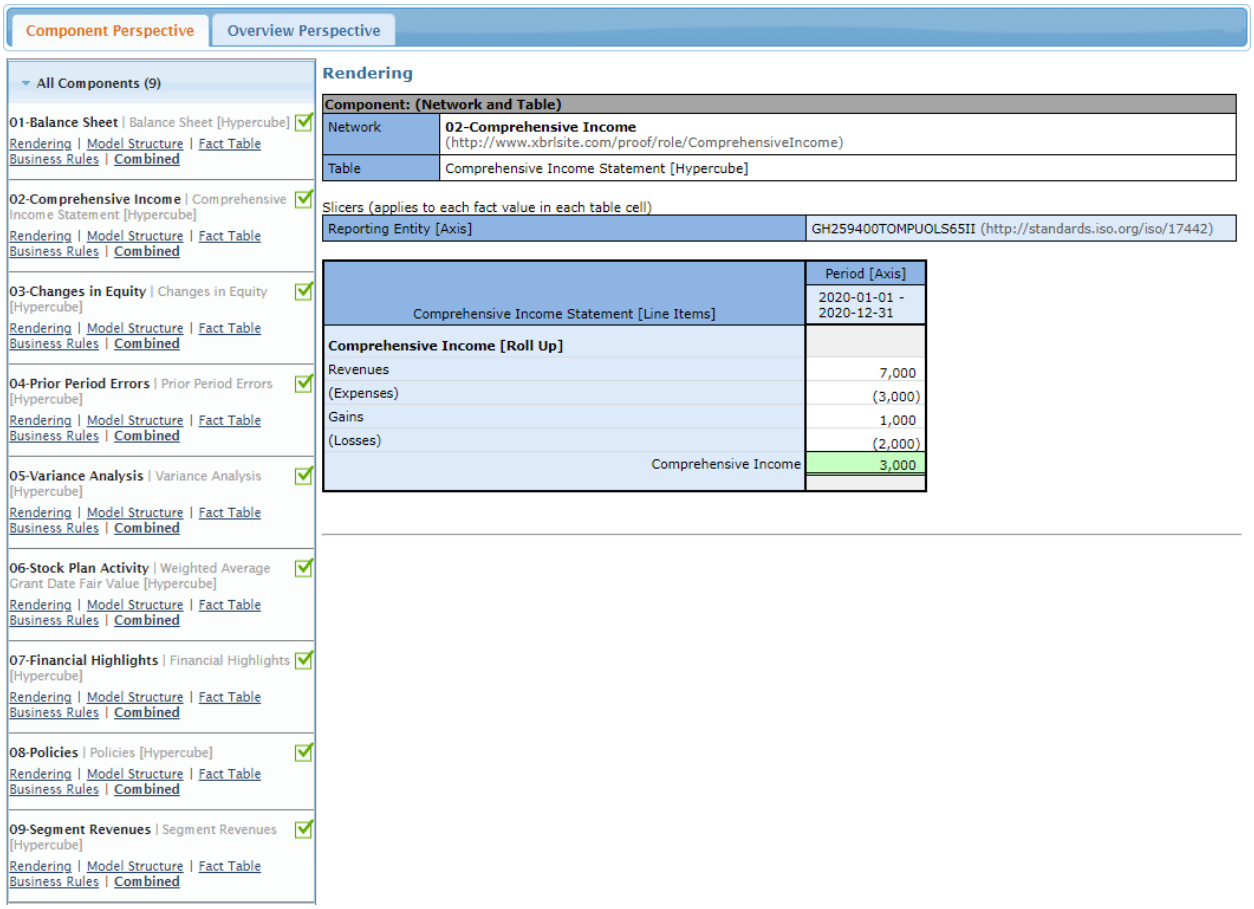
No Validation Errors!

Generate XBRL Cloud Clean Score Evidence Package:

https://www.xbrlcloud.com/cleanscore.html (commercially available for a fee)

Here is the HTML report that is generated, you can download a sample:

http://www.xbrlsite.com/seattlemethod/proof/reference-implementation/evidence-package.zip

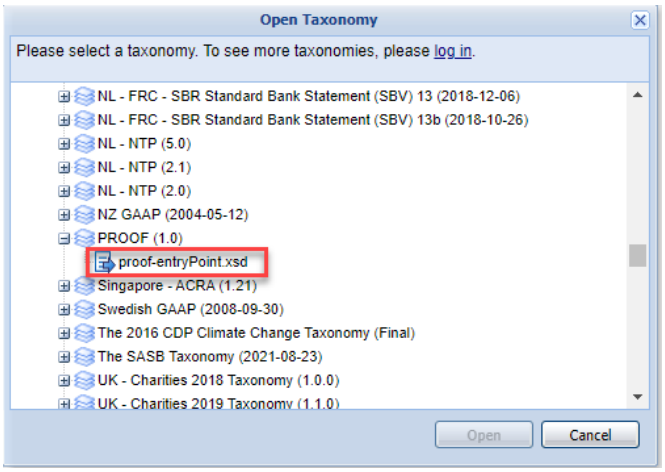
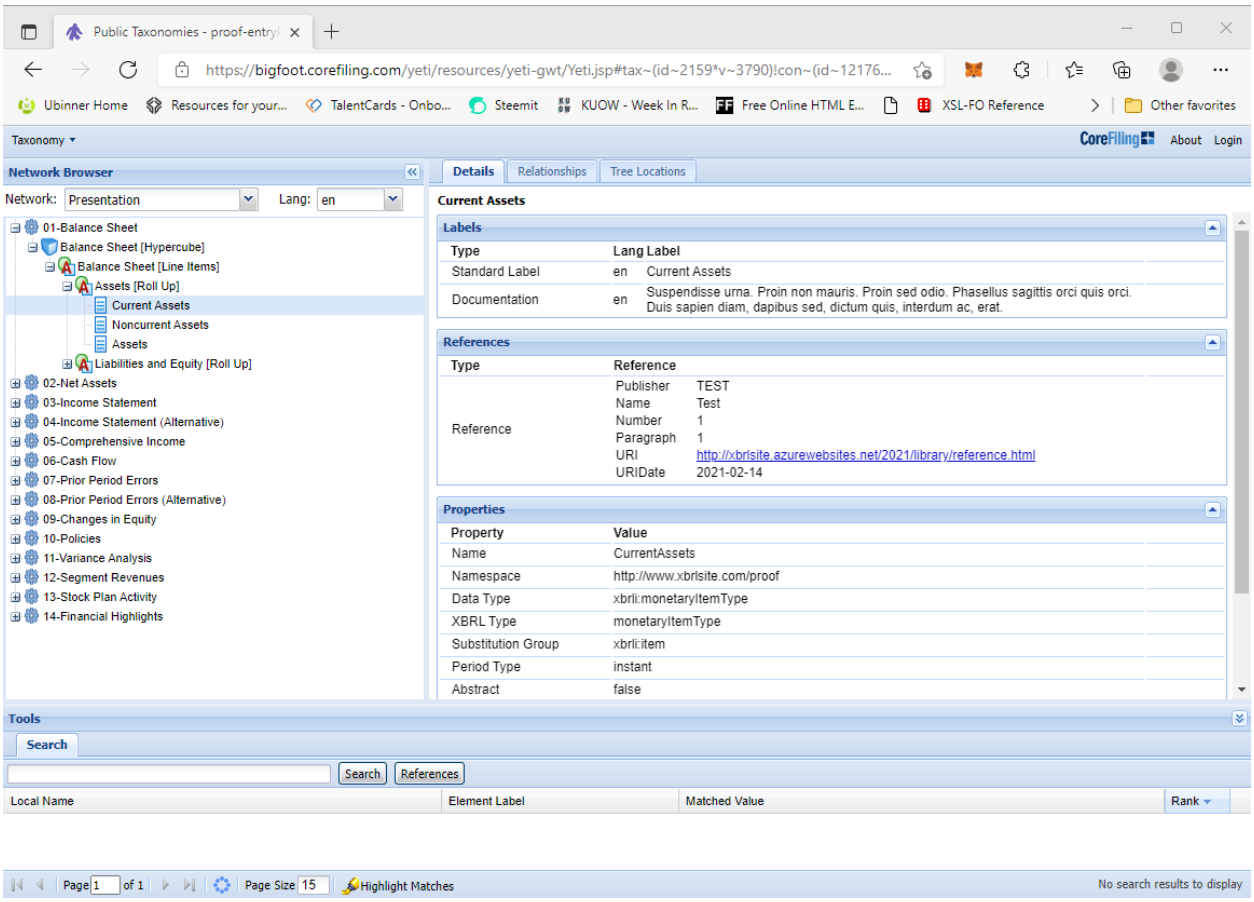


Or, you can use this online here:

http://www.xbrlsite.com/site1/seattlemethod/proof/reference-implementation/evidence-package/

View Report Model using CoreFiling Yeti:

https://bigfoot.corefiling.com/yeti (commercially available for a fee)

https://bigfoot.corefiling.com/yeti/resources/yeti-gwt/Yeti.jsp#tax~(id~2159*v~3790)!net~(a~57918*l~9853)!lang~(code~en)!rg~(rg~1*p~1)

Select this XBRL taxonomy: